

Client: Sprague Energy Corporation
Job Location: Rensselaer, NY
Our Reference Number: US340-0038514
EPA Batch No:
EPA Qty. - US Gals.:
EPA Qty. - US Bbls.:

Lab Reference Number: 2010-NYHB-001130
Date Taken: 15-May-2010
Client Reference: V-10-00688

Sample ID: 2010-NYHB-001130-004
Vessel/Location: CONNECTICUT
Representing: Shore Tank 15 Equal UML Composite

Sample Designated As: 6 FUEL 1.5 %
Date Tested: 16-May-2010

Method	Test	Result	Unit
ASTM D4052	API Gravity @ 60°F	11.3	°API
ASTM D4294	Sulfur Content	0.864	Wt %
ASTM D97	Pour Point	6	°C
ASTM D97	Pour Point	42.8	°F
ASTM D445	Kinematic Viscosity @ 122 °F/ 50 °C	334.9	mm²/s
ASTM D2161	Saybolt Furol viscosity, 122 °F	158.1	SFS
ASTM D93	Procedure Used	B	
ASTM D93	Corrected Flash Point	217	°F
ASTM D1796	Water and Sediment	0.00	Vol %
ASTM D95	Water Content	0.0	Vol%
ASTM D482	Ash @ 775 °C	0.061	Wt %
ASTM D240	Gross BTU - LB	18451	BTU/lb
ASTM D240	Gross BTU - Gal (Calculated)	152258	BTU/gal
ASTM D473	Sediment by Extraction	0.05	Mass %
ASTM D4530	Average Micro Method Carbon Residue	9.87	Wt %
ASTM D5762	Nitrogen Content	3700	ppm
ASTM D5708_MOD	Sodium, ppm	5.7	ppm
ASTM D5708	Vanadium Content	51.1	mg/kg
ASTM D3279	n-Heptane Insolubles (Asphaltenes)	3.7	Wt %
IP 143	Asphaltene Content	3.6	Wt %

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Signed: _____
Intertek

Date: _____

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